

## **ARCHED HAMMOCK STAND**

### **FIELD OF THE INVENTION**

This invention is directed to a hammock stand which does not have perpendicular base  
10 members extending into the area adjacent the sides of the hammock, and also provides shade  
over the hammock.

### **BACKGROUND OF THE INVENTION**

Hammocks were initially designed to be attached to and extended between pre-existing  
15 natural supports, most commonly trees. The overhead foliage of the trees also provided shade for  
the hammock. But trees are often not available or appropriately positioned to support a  
hammock where it is needed. Trees can be planted where needed; but such trees must grow for  
at least twenty years to achieve a size adequate to support a hammock. Many years ago,  
impatient hammock fanciers conceived the idea of a hammock stand, that is a free-standing  
20 structure - the sole purpose of which is to support a hammock. Such hammock stands have been  
produced in a variety of forms. But generally they all include base members that are beneath and  
extend perpendicularly to the axis of the supported hammock. These perpendicular base  
members are connected to a central base member beneath the hammock and parallel to its axis.  
Upright stanchions are connected to opposite ends of the central base member and are supported  
25 thereby. The upright stanchions extend upwardly from the central base and provide the actual  
supports between which the hammock is extended.

Among the disadvantages of such hammock stands is that (unlike trees) they have no

5       overhead foliage to provide shade for the hammock. Also, the perpendicular base members must necessarily extend substantially beyond the axis of the hammock and into the area the hammock user must traverse in the process of getting into and out of the hammock. This often results in tripping and falling or, stubbing toes.

10      It is, accordingly, an object of the present invention to provide an improved hammock stand which does not have perpendicular base members extending into the area adjacent the sides of the hammock. Another object of this invention is an improved hammock stand that provides shade over the hammock.

#### **DISCLOSURE OF THE PRIOR ART**

Applicant is aware of no prior art directly relevant to the present invention.

15      Description of a conventional hammock stand can be seen in such prior art as U.S. Patent No. 5,153,538.

#### **BRIEF DESCRIPTION OF THE DRAWINGS**

Fig. 1 is a perspective view illustrating the hammock stand of the invention without the canopy.

20      Fig. 2 is a perspective view illustrating the hammock stand of the invention with the canopy in place.

Fig. 3 is a perspective view illustrating the underside of the canopy and its supporting structure.

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#### **SUMMARY OF THE INVENTION**

In accordance with the present invention a hammock stand has two leg members on each

5 end. Each set of legs is wide apart at the bottom but joined at the top. The two different set of legs are joined together by an arched member which extends up and over the hammock. Because each set of legs is some distance before or behind the hammock, such legs do not extend into the area adjacent the sides of the hammock. The arched member extending up and over the hammock can be used to support a canopy to shade the hammock.

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#### **DETAILED DESCRIPTION OF THE DRAWINGS**

Reference will now be made to the present preferred embodiment of the invention as illustrated in the accompanying drawings.

15 In Fig. 1, a hammock 1 comprises a hammock bed 2, extending between spreader bars 3a and 3b, which are supported by clews 4a and 4b. The clews 4a and 4b terminate in clew rings 10a and 10b. The hammock 1, is supported by the hammock stand, which comprises leg members 5a, 5b, 5c and 5d, the upper ends of which are joined to arch 6, by means of bolts 7a and 7b. The joint is further strengthened by the cross braces 8a and 8b, which extend across the 20 underside of the upper ends of two leg members 5, and the proximate bottom end of arch 6. The cross braces 8a and 8b are secured by bolts to the proximate two leg members 5 and the approximate bottom end of arch 6. Extending inwardly from the cross braces 8a and 8b, are attaching hooks 9a and 9b. The clew rings 10a and 10b fit on to the attaching hooks 9a and 9b.

25 Fig. 2 shows the canopy 11 positioned on arch 6 and extending directly over the hammock 1. The canopy is made of flexible, lightweight, water resistant sheet material such as canvas or plastic.

5           From Fig. 1, it will seen that arch 6 is comprised of four wooden lengths. Arch end sections 12a and 12b are attached at their lower ends to leg members 5a and 5b, or 5c and 5d, respectively. The upper ends of sections 12a and 12b, are positioned between and affixed to arch connecting sections 13a and 13b. Forming arch 6 from the four different sections has at least two advantages. First, it is easier and less expensive than forming the arch 6 from a single piece of  
10 wood. Second, the connecting sections 13a and 13b, make the arch 6 wider at its mid section, where width is most needed because that is also where canopy 11 is widest and extends farther from the arch 6. Lateral support battens 14a, 14b and 14c are positioned above and supported by arch 6 and extend outwardly from it at right angles thereto. In the preferred embodiment, battens 14a, 14b and 14c are fiberglass, but they could be any relatively rigid but flexible material.

15           Around the canopy 11, and hanging down therefrom is the curtain 15. It is attached to the canopy 11, by seam 16. The curtain 15 enhances the effective shade provided by canopy 11. In the preferred embodiment, the curtain 15 is divided into three sections, 15a, 15b and 15c. This facilitates fabrication of the product and allows the curtain 15 to hang down from canopy 11 more evenly and without buckling.

20           It will be further apparent to those skilled in the art that various modifications and variations can be made in the device and method of the present invention without departing from the spirit or scope of the invention. Thus, it is intended that the present invention cover the modifications and variations of this invention provided they come within the scope of the appended claims and their equivalents.